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January 13, 2000

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VIA HAND DELIVERY

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JAN 13 2000
FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Magalie Roman Salas, Secretary
Federal Communications Commission
The Portals, 12th Street Lobby
445 12th St., SW, Counter TW-A325
Washington, DC 20554

Re: Ex Parte Presentation
IB Docket No. 99-81
ET Docket No. 95-18
RM-9328

Dear Ms. Salas:

Pursuant to Section 1.1206 of the Commission's rules, I hereby notify you that yesterday David Otten of Celsat America, Inc. ("Celsat") and I met with Julius Knapp, Geraldine Matise, and Sean White of the Commission's Office of Engineering and Technology. At the meeting, Mr. Otten made a brief presentation concerning Celsat's proposal to provide mobile satellite service in the 2 GHz band. In this regard, Mr. Otten distributed the enclosed materials to the individuals present at the meeting. In addition, we discussed the Commission's proposals concerning the reimbursement of incumbent users in the 2 GHz band for their costs of relocating to another band.

Please direct any questions concerning this matter to the undersigned.

Very truly yours,

Brian Weimer

Enclosures

cc: Julius Knapp
Geraldine Matise
Sean White

No. of Copies rec'd 0+6
List A B C D E

CELSAT
"Cheaper, Better, Faster"
Mobile Satellite Communications

BRIEFING

January, 2000

David D. Otten
Chairman and CEO
Celsat America, Inc.

Celsat America, Inc. History

1991 - 1993

- Developed Technical and Business Concepts
- First U.S. Patent Granted

1994 - 1996

- Additional U.S. Patents Granted
- Investment by Cellular Communications, Inc.
- Hughes, Ericsson, Nortel, and Cellular Communications, Inc. Support

1997 - Present

- Investments by Echostar DBS Corp., George Schmitt, and Bill Ginsberg
- Sale of Seven Billion Minutes of Air Time to GSM Alliance (LOI)
- FCC License Expected
- Additional U.S. and Foreign Patents Granted
- Continued Support From Ericsson
- Investment Bankers: DLJ and B of A Securities

Celsat Advantages

Low Prices

- 8 Cents per Minute Anywhere in the U.S.
- 1 Cent per Minute Breakeven

Rapid Time to Service

- Commercial Service With One Satellite

Voice + Data Capability

- High Speed Mobile Internet Access

Dual Mode Satellite/Terrestrial Handhelds

- Same Size as PCS Phones

Low Cost System

- Breakeven with 250,000 Subscribers

CELSAT
Complementary to PCS

PCS Covers About 10% of the U.S. Geography

- All Digital
- Excellent Voice Quality
- Full Features

Cellular Covers Over 70% of U.S. Geography

- Typically Analog

The GSM Alliance Companies Will Be Part of Celsat's Customer Base

COMPANY	NUMBER OF POPS	LICENSED AREA
VoiceStream	220 million	Near Nationwide (More POPs Than ATT or Sprint)
Pacific Bell Mobile Services	31 million	Southwest
Microcell Telecommunications, Inc.	25 million	Canada
Powertel, Inc.	24 million	Southeast
BellSouth Mobility DCS	13 million	Southeast

Low Cost Bluetooth Enhanced Internet Access

Outbound Link For Dish or Direct TV Internet Subscribers

- 2 MBPS
- Competitive With Cable

Remote Mobile PCS Internet Access

- 384 Kbps Inbound and 96 Kbps Outbound
- Greatly Expanded Coverage, Including Aircraft

Personal Digital Assistant Internet Access

- Coverage Everywhere, Including In Buildings

2 MBPS Home Installation

System Fundamentals

Company	Satellites Needed Initially	Initial System Cost	Coverage	Maximum U.S. Circuits	Signal Margin	Relative cost per voice call
Iridium	66 Plus Spares	$5.0 Billion to $8 Billion	World Wide	4,000	16db Maximum	200
ICO	12	$4.6 Billion	World Wide	4,000	8 - 10db	30/10
Globalstar	48 Plus Spares	$3.3 Billion Plus Ground Stations	World Wide	4,000	8db Maximum	125
Celsat	1 Plus Spare	$0.75 Billion	U.S., Canada, and Mexico	50,000 Per Satellite	16 - 22db	1

Source: FCC and SEC documents and Celsat Estimates

Celsat Is The Most Competitive

	Price Per Minute	Handset Price	Maximum Data Rate	Dual Mode Phone	Average RF Power	Satellite Handovers Required	Microwave Oven or Bluetooth Wipe Out?
Iridium	$3.00 to $7.00 retail	$1,000 +	2.4 Kbps	Brick With Hot Dog Antenna	0.5 Watt	Many	No
ICO	$2.00 retail	$700	64 Kbps	Larger Than Celsat's	0.5 Watt	Some	No
Globalstar	$1.50 retail	$1,000	9.6 Kbps	Brick With Hot Dog Antenna	0.5 Watt	Many	Yes
Celsat	$0.08 wholesale	Free	Fixed: 2 Mbps Mobile: 384 Kbps	Small, User Friendly PCS Phone	0.25 Watt	None	No

Source: FCC and SEC documents, press coverage, and Celsat Estimates

"Cheaper , Better, Faster " Than Iridium, Globalstar, and ICO

High Speed Internet — Up to 2 Megabits Per Second

Smaller, Lower Power PCS Size Handset

Higher Signal Margin

Celsat Will Serve a Proven and Rapidly Growing Market

Service — Pennies a Minute, Not Dollars a Minute

Start With 1, Not 66, 48, or 12 Satellites

- Faster, Simpler and Cheaper by Far
- Respects "Otten's Law"

Other Regional GEOs

Potential Regional GEO systems include:

- ACeS (coverage of Indonesia and South East Asia)
- Thuraya (coverage of Moslem countries, India, Europe

All of the above utilize 12 meter reflectors

- Celsat has more than twice the capacity for the same cost

Financial and Technical Support From Major Satellite Manufacturers

Speed of Light Transmission Effect

No Impact on:

- Internet Usage
- Fax
- Paging
- Data

Echo Cancellers Minimize any Problems for Voice

High Gain, Multi-Beam Satellite Antenna

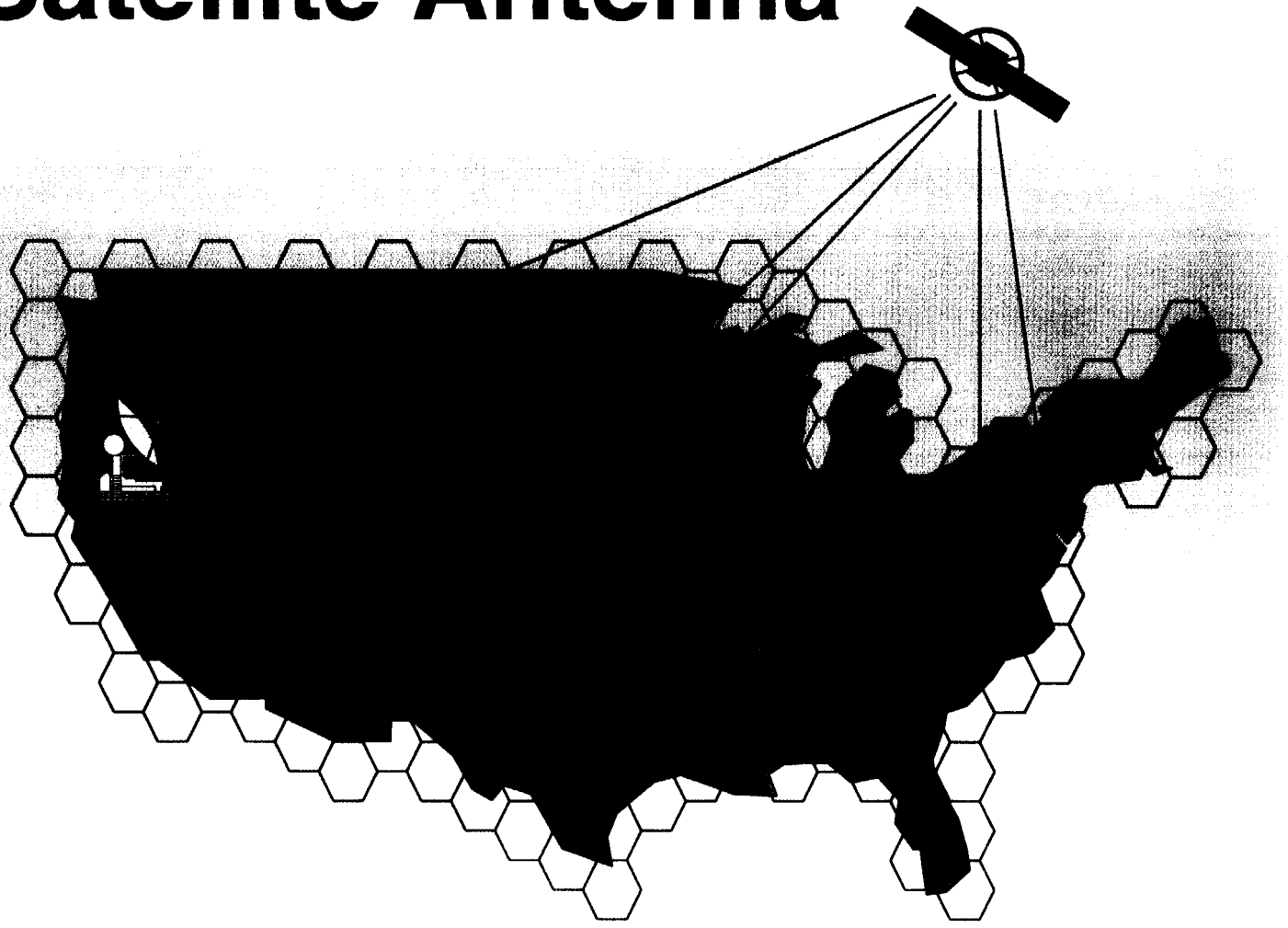
120 Transponders Per Satellite.

20 Meter Satellite Antenna Diameter.

½ Degree 3dB Beamwidth, ~50dB Gain.

100 Miles Cell Radius on Earth.

Beams Always at Least 36 Degrees Above Horizon for the US, except Alaska.

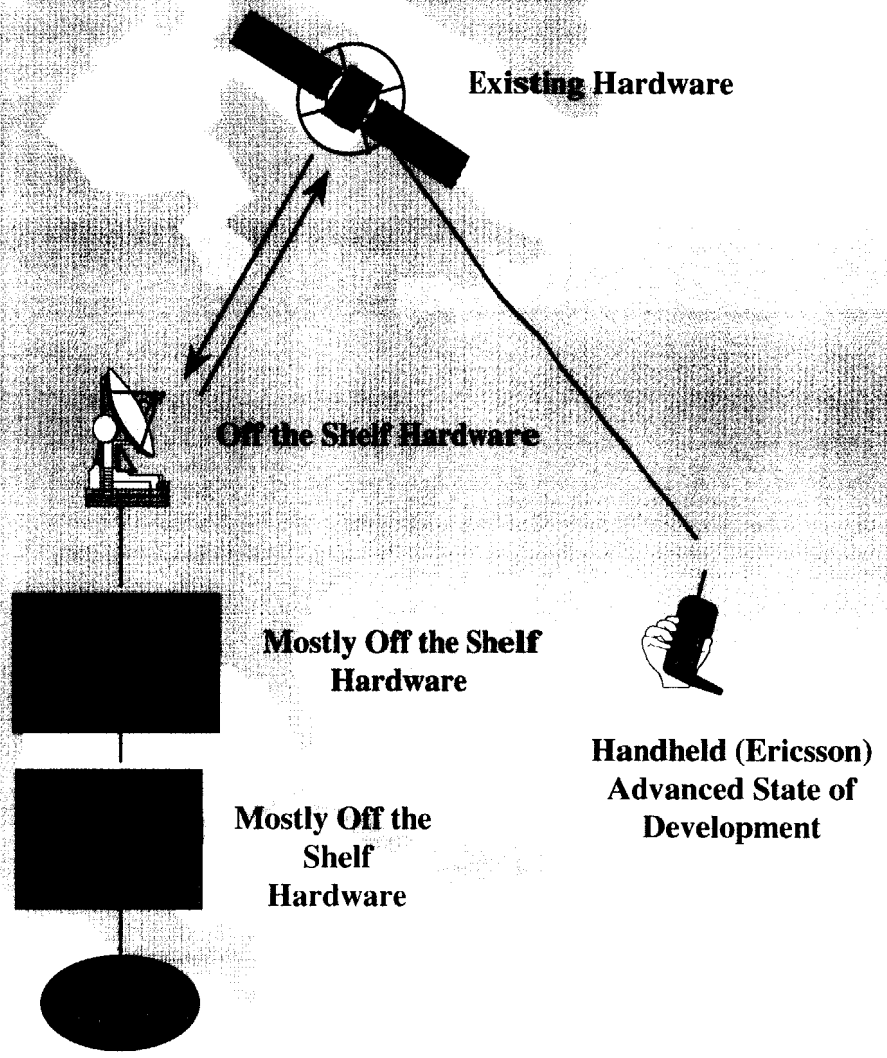


Technology Fully Proven

Satellite Bus, Payload and 21m S-Band Multi-Beam Antenna Are Proven In-Use Designs.

Ground Gateway Network & Base Station Utilize Mostly Existing Feeder Station and Cellular/PCS Hardware.

Dual Mode Terminal - Advanced State of Development



Celsat's Patent Summary

Dual Mode Satellite and Ground Mobile Communications System

- U.S. Patents 5,073,900; 5,339,330; 5,832,379; 5,940,753; & 5,995,832

Power Control

- U.S. Patents 5,446,756 & 5,878,329

Coexistence with Incumbent Fixed Services

- U.S. Patent 5,511,233

Position Determination

- U.S. Patent 5,612,703

Fraud Prevention

- U.S. Patent 5,835,857

SUMMARY OF CELSAT'S ADVANTAGES

Best Service

- High Voice Quality
- Enhanced Services
- Full North American Coverage

Lowest Cost

- Pennies a Minute
- LOI for Sale of Seven Billion Minutes
- 1 Satellite to Initiate Commercial Service

Proven, Innovative Technology

- High Gain 20 Meter Antenna
- Multiple Beams
- 9 U.S. Patents Issued